

**Table A. Cytokine production by human moDC stimulated *in vitro* with live RSV, FI-RSV and VLP**

|                    | Cytokine concentration (pg/ml) |               |                |                 |               |              |
|--------------------|--------------------------------|---------------|----------------|-----------------|---------------|--------------|
|                    | IL-12                          | IFN- $\alpha$ | IL-6           | MIP-1 $\alpha$  | MIP-1 $\beta$ | IP-10        |
| <b>FI-mock</b>     | 360 $\pm$ 56                   | 102 $\pm$ 13  | 6246 $\pm$ 686 | 3481 $\pm$ 578  | 433 $\pm$ 37  | 83 $\pm$ 13  |
| <b>FI-RSV</b>      | 346 $\pm$ 66                   | 83 $\pm$ 9    | 9032 $\pm$ 973 | 2197 $\pm$ 227  | 433 $\pm$ 37  | 60 $\pm$ 8   |
| <b>Mock</b>        | 436 $\pm$ 70                   | 143 $\pm$ 18  | 5285 $\pm$ 796 | 1664 $\pm$ 177  | 361 $\pm$ 35  | 121 $\pm$ 14 |
| <b>RSV-wt</b>      | 675 $\pm$ 89                   | 260 $\pm$ 43  | 6988 $\pm$ 959 | 2277 $\pm$ 213  | 338 $\pm$ 36  | 171 $\pm$ 20 |
| <b>RSV-CX4C</b>    | 786 $\pm$ 101                  | 336 $\pm$ 61  | 7014 $\pm$ 898 | 3296 $\pm$ 271  | 443 $\pm$ 44  | 201 $\pm$ 29 |
| <b>VLP-mock</b>    | 447 $\pm$ 50                   | 124 $\pm$ 12  | 5809 $\pm$ 854 | 3123 $\pm$ 479  | 412 $\pm$ 40  | 136 $\pm$ 16 |
| <b>VLP-Gwt</b>     | 510 $\pm$ 57                   | 163 $\pm$ 20  | 5837 $\pm$ 990 | 3845 $\pm$ 762  | 367 $\pm$ 64  | 146 $\pm$ 16 |
| <b>VLP-G(CX4C)</b> | 589 $\pm$ 57                   | 179 $\pm$ 26  | 5790 $\pm$ 947 | 5843 $\pm$ 1066 | 510 $\pm$ 42  | 157 $\pm$ 15 |

**Table B. Cytokine production by human CD4 T cell after co-culture with allogenic moDC stimulated with live RSV, FI-RSV and VLP.**

|                    | Cytokine concentration (pg/ml) |                |                |                |              |              |
|--------------------|--------------------------------|----------------|----------------|----------------|--------------|--------------|
|                    | IFN- $\gamma$                  | IL-5           | IL-13          | TNF- $\alpha$  | IL-17        | IL-10        |
| <b>FI-mock</b>     | 549 $\pm$ 70                   | 677 $\pm$ 77   | 2811 $\pm$ 531 | 2510 $\pm$ 672 | 265 $\pm$ 50 | 110 $\pm$ 16 |
| <b>FI-RSV</b>      | 629 $\pm$ 110                  | 1070 $\pm$ 282 | 3714 $\pm$ 668 | 3088 $\pm$ 818 | 329 $\pm$ 56 | 121 $\pm$ 14 |
| <b>Mock</b>        | 728 $\pm$ 29                   | 395 $\pm$ 87   | 2247 $\pm$ 391 | 1145 $\pm$ 335 | 230 $\pm$ 57 | 89 $\pm$ 11  |
| <b>RSV-wt</b>      | 2084 $\pm$ 230                 | 482 $\pm$ 60   | 2602 $\pm$ 451 | 1655 $\pm$ 411 | 248 $\pm$ 63 | 169 $\pm$ 28 |
| <b>RSV-CX4C</b>    | 2738 $\pm$ 302                 | 412 $\pm$ 55   | 2298 $\pm$ 386 | 1712 $\pm$ 410 | 223 $\pm$ 45 | 165 $\pm$ 23 |
| <b>VLP-mock</b>    | 783 $\pm$ 184                  | 556 $\pm$ 76   | 2296 $\pm$ 379 | 1156 $\pm$ 337 | 239 $\pm$ 50 | 115 $\pm$ 14 |
| <b>VLP-Gwt</b>     | 1839 $\pm$ 397                 | 630 $\pm$ 62   | 2672 $\pm$ 438 | 1418 $\pm$ 357 | 267 $\pm$ 61 | 200 $\pm$ 31 |
| <b>VLP-G(CX4C)</b> | 2170 $\pm$ 278                 | 564 $\pm$ 86   | 2499 $\pm$ 410 | 1433 $\pm$ 346 | 248 $\pm$ 49 | 187 $\pm$ 34 |